

FEB 06 2002

510(k) SUMMARY OF SAFETY AND EFFECTIVENESS
ACCUTROL™ LA Control, Cat. No. A3345

KO 20109

Sigma Diagnostics ACCUTROL™ LA Control is a human plasma control that is suitable for use as a positive control for lupus anticoagulant testing such as activated partial prothrombin time (APTT) and dilute Russell's viper venom time (dRVVT).

The safety and effectiveness of the Sigma ACCUTROL™ LA Control, Cat. No. A3345) has been demonstrated by its substantial equivalence to the Biopool International LA Positive Control Plasma, Cat. No. 50113, (K961370).

Sigma Diagnostics ACCUTROL™ LA Control is a lyophilized human plasma based product. After reconstitution with water, ACCUTROL™ LA Control is stable for 48 hours when stored at 2-8°C and 4 weeks when stored at -20°C.



DEPARTMENT OF HEALTH & HUMAN SERVICES

Food and Drug Administration
2098 Gaither Road
Rockville MD 20850

William R. Gilbert, Ph.D.
Manager, Scientific Affairs
Sigma Diagnostics, Inc.
545 South Ewing Avenue
St. Louis, Missouri 63103

FEB 06 2002

Re: k020109
Trade/Device Name: Sigma Diagnostics ACCUCLOT™ LA Control
Regulation Number: 21 CFR § 864.5425
Regulation Name: Multipurpose System for in vitro coagulation studies
Regulatory Class: II
Product Code: GGC
Dated: January 9, 2002
Received: January 11, 2002

Dear Dr. Gilbert:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

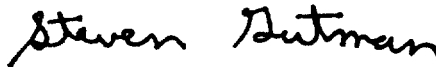
Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

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This letter will allow you to begin marketing your device as described in your 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4588. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its internet address "<http://www.fda.gov/cdrh/dsma/dsmamain.html>".

Sincerely yours,

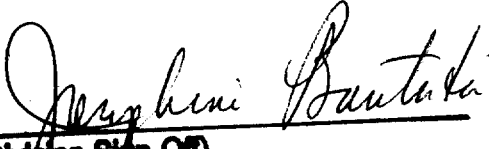
A handwritten signature in black ink that reads "Steven Gutman". The signature is written in a cursive, slightly slanted style.

Steven I. Gutman, M.D., M.B.A.
Director
Division of Clinical
Laboratory Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

510(k) Number (if known): K020109Device Name: Sigma Diagnostics ACCUCLOT™ LA Control**Indications For Use:**

Sigma Diagnostics ACCUCLOT™ LA Control is a human plasma control that is suitable for use as a positive control for lupus anticoagulant testing such as activated partial prothrombin time (APTT) and dilute Russell's viper venom time (dRVVT). Plasma controls are routinely used in the coagulation laboratory as a means of quality control.


(Division Sign-Off)
Division of Clinical Laboratory Devices
510(k) Number K 020109

(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of Device Evaluation (ODE)**Prescription Use** ✓
(Per 21 CFR 801.109)

OR

Over-The-Counter Use